Ryan Warner

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Languages:	Java, Kotlin, Go, Python, C++, C#, YAML, Bash, Obj. C, C, MySQL, XML, HTML
Dev Tools:	Docker, Git, CI/CD (Gitlab/Jenkins/Bamboo), Java Spring Boot, Maven, Gradle, Python Flask, MQTT

Work Experience

The MITRE Corporation | Bedford, MA   2011 - Present

Senior Software Engineer | Android Mobile Developer | 2022 - Present

- Working in the Enterprise Technology department at MITRE to deliver services that enhance the employee experience
  - Leading modernization efforts on a 10+ year-old Java/Spring codebase by restructuring and refactoring the application, converting components from Java to Kotlin, and addressing bugs and technical debt along the way
  - Integrating GitLab CI/CD pipelines, Docker containerization, and OpenShift-based deployments across multiple applications within our sector to improve reliability and streamline delivery
- Continuing development of the MITRE@Work Android application to support and enhance the daily experience of MITRE employees
  - Enhancing and maintaining a 5+ year legacy codebase, introducing new features and modernizing existing ones
  - Evaluating and integrating the latest Android capabilities into a real-world enterprise environment
  - Building and maintaining backend services and APIs for MITRE@Work, leveraging tools such as GitLab CI/CD, MuleSoft, AppCenter, and Fastlane
  - Using Firebase for analytics, crash reporting, and user behavior insights to drive app improvements
  - Led efforts to migrate the Java codebase to Kotlin and implement MVVM and Clean Architecture for improved maintainability and scalability

Senior Software Engineer | 2016 - 2022

- Worked across 24+ diverse projects, each involving different technologies based on the project's scope—from desktop applications and Dockerized services to Android mobile apps. Technologies included Java, Spring Boot, XML, Bash, Linux, RESTful APIs, Docker, and a variety of Gitlab CI / CD automated integrations for building, testing, and deployments.
- Roles ranged from conducting independent research and prototyping to leading cross-site teams on sensitive security-focused software projects.
- Regularly committed code to various Git-based version control systems.
- Contributed to multiple concurrent group efforts, collaborating within both small and large teams using Agile methodologies, JIRA, and Scrum/Sprint cycles.

Software Engineer | 2013 - 2016

- Worked on a variety of projects ranging from GUI-based Java projects to mobile Android applications
- Committed code regularly to both Git and SVN revision control systems
- Contributed to multiple group projects of various sizes involving Jira bug tracking

Android Software Systems Intern | 2011 - 2013

- Designed, developed, tested, integrated, and delivered an Android application for a sensitive mobile computing project
- Repurposed and reused large portions of delivered code for building new functionality
- Developed, compiled, and experimented with the Android Open Source Platform (Kernel, OS)

Education

Champlain College | Burlington, VT (2013)
- Bachelor of Science: Software Engineering for Emerging Technologies
- Club President & Founder – Champlain Parkour & Freerunning

Udacity & Google | Online (2022)
- Android Kotlin Developer Nanodegree

Personal Android Apps

Android Kotlin Nanodegree
- Variety of my open-source projects developed throughout the Udacity course

TeaCabinet   **TipCalc**   **NFC Rolodex**

Interests

Homelab (Linux Server / Networking / Home Automation / Home Assistant), Home Theater, Downhill Skiing, Cooking, Baking, Motorcycling, Baseball/Softball, Kickball, Photography

Conferences Attended: Google I/O 2011, '12, '13, '14, '15, Twitter Flight '14, BABBQ '14